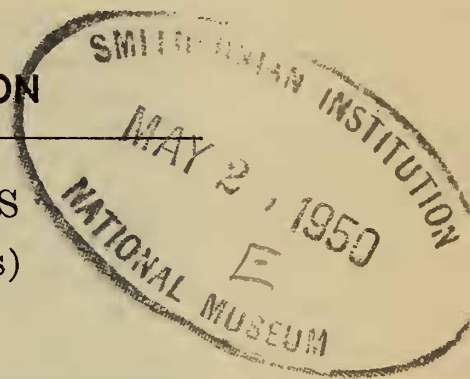


PROCEEDINGS  
OF THE  
BIOLOGICAL SOCIETY OF WASHINGTON

A LIST OF MARYLAND MAMMALS  
(PART I. MARSUPIALS AND INSECTIVORES)

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This list is based upon a survey of the mammal literature and the specimens contained in the collections of the U. S. National Museum and the U. S. Fish and Wildlife Service. The latter includes the collections of the Biological Surveys and the Patuxent Research Refuge. The list will be published in sections by orders or families as completed. The one marsupial genus and the insectivores are included in this first part. District of Columbia records are listed with those of the State because of their close relationship.

The limited number of locality records emphasizes the gaps in our knowledge of Maryland mammal ranges. It is hoped that naturalists will be stimulated to collect in unrepresented areas.

Order Marsupialia

Family Didelphidae

*Didelphis virginiana virginiana* Kerr. Virginia Opossum.

1792. *Didelphis virginiana* Kerr, Anim. Kingd., p. 193.

*Type locality*.—Virginia.

*Maryland records*.—Since LeCompte (1942: 4) says that opossums were killed in every county in 1941, other literature records are not listed. U. S. National Museum specimens follow: *Howard County*: Long Corner; *Montgomery County*: Bethesda, Cabin John, Plummer Island, Boyds; *Prince Georges County*: Beltsville, Bladensburg, Branchville, Laurel, Patuxent Research Refuge, T.B.; *District of Columbia*.

*Remarks*.—Maryland specimens are indistinguishable from typical Virginia specimens.

Order Insectivora

Family Talpidae—Moles

*Scalopus aquaticus aquaticus* (Linnaeus). Eastern Mole.

1758 (*Sorex*) *aquaticus* Linnaeus, Syst. Nat., ed. 10, 1: 53.

*Type locality*.—Philadelphia, Pennsylvania.

*Maryland records*.—*Anne Arundel County*: Baltimore City; *Baltimore County*: Lake Roland (Bures, 1948: 61-62), Patapsco State Park (Hampe, 1939: 5); *Calvert County*: Chesapeake Beach; *Howard County*: Cabin John, Capitol View, Chevy Chase, Plummer Island, Rockville, Seven Locks, Silver Spring, Woodside; *Prince Georges County*: Berwyn, Branch-

ville, Landover, Laurel, Mt. Rainier, Patuxent Research Refuge. *District of Columbia*.

*Remarks*.—According to Jackson (1915: 35) “toward the south *S. a. aquaticus* gradually decreases in size . . . A large series from the District of Columbia averages smaller than specimens from the type region, but in all essential characters except size they are typical of *aquaticus*.”

*Parascalops breweri* (Bachman). Hairy-tailed Mole.

1842. *Scalops breweri* Bachman, Boston Journ. Nat. Hist. 4: 32.

*Type locality*.—Martha's Vineyard, Massachusetts.

*Maryland records*.—This species is not represented in the State by either literature or museum records. There are, however, the two following letter references in the Biological Surveys files of the U. S. Fish and Wildlife Service: *Allegany County*: Warrior Mountain, note by C. Hart Merriam dated 1908; *Garrett County*: Letter to C. Hart Merriam from S. N. Rhoads dated 1902.

*Remarks*.—Jackson (1915: 81) states that “the hairy-tailed mole shows remarkably little geographic variation . . .” consequently Maryland specimens when taken will probably not differ markedly from typical specimens.

*Condylura cristata cristata* (Linnaeus). Star-nosed Mole.

1758. *Sorex cristatus* Linnaeus, Syst. Nat., ed. 10, 1: 53.

*Type locality*.—Eastern Pennsylvania.

*Maryland records*.—*Charles County*: Marshall Hall; *Howard County*: Ellicott City; *Montgomery County*: Brookeville, Burnt Mills, Cabin John, Chevy Chase, Plummer Island, Woodside; *Prince Georges County*: Beltsville, College Park, Glendale, Lanham, Laurel, Patuxent Research Refuge; *Washington County*: Williamsport. *District of Columbia*.

*Remarks*.—Maryland specimens are similar to those from eastern Pennsylvania.

#### Family Soricidae—Shrews

*Sorex cinereus cinereus* Kerr. Cinereous Shrew.

1792. *Sorex arcticus cinereus* Kerr, Animal Kingdom, p. 206.

*Type locality*.—Fort Severn, Ontario, Canada.

*Maryland records*.—*Garrett County*: Bittinger.

*Sorex cinereus fontinalis* Hollister. Maryland Shrew.

1911. *Sorex fontinalis* Hollister, Proc. U. S. Nat. Mus. 40: 378.

*Type locality*.—Cold Spring Swamp, near Beltsville, Prince Georges County, Maryland.

*Maryland records*.—Baltimore County: Lake Roland, Loch Raven, Patapasco State Park (Hampe, 1936: 17-18); *Dorchester County*: Cambridge; *Montgomery County*: Ashton, Cabin John, Glen Echo Heights, Rockville, Sandy Springs; *Prince Georges County*: Beltsville (Cold Spring Swamp, near) (type locality), Bowie, Hollywood, Hyattsville, Landover, Laurel, Patuxent Research Refuge, Tuxedo.

*Sorex fumeus fumeus* Miller. Smoky Shrew.

1895. *Sorex fumeus* Miller, North Amer. Fauna No. 10, p. 50.

*Type locality*.—Peterboro, Madison County, New York.

*Maryland records*.—*Garrett County*: Bittinger, Finzel.

*Sorex dispar* Batchelder. Gray Long-tailed Shrew.

1911. *Sorex dispar* Batchelder, Proc. Biol. Soc. Washington 24: 97.

*Type locality*.—Beedes, Essex County, New York.

*Maryland records.*—Not known from Maryland but may occur in the highest portions of the western part of the State.

*Sorex palustris punctulatus* Hooper. Allegheny Water Shrew.

1942. *Sorex palustris punctulatus* Hooper. Occas. Papers, Mus. Zool., No. 463, pp. 1-4.

*Type locality.*—Shavers Fork of the Cheat River, 6 miles northwest of Durbin, Randolph County, West Virginia.

*Maryland records.*—Not recorded but considered by Hooper (1942: 2) as probably occurring in Western Maryland.

*Sorex longirostris longirostris* Bachman. Bachman's Shrew.

1837. *Sorex longirostris* Bachman, Journ. Acad. Nat. Sci. Philadelphia 7 (2): 370.

*Type locality.*—Hume Plantation, swamps of the Santee River (Cat Island, mouth of Santee River), South Carolina.

*Maryland records.*—Calvert County: Camp Roosevelt, Chesapeake Beach; Prince Georges County: Hall. District of Columbia.

*Microsorex hoyi winnemana* Preble. Winnemana Pigmy Shrew.

1910. *Microsorex winnemana* Preble, Proc. Biol. Soc. Washington 23: 101.

*Type locality.*—Bank of the Potomac River near Stubblefield Falls, 4 miles below Great Falls of the Potomac, Fairfax County, Virginia.

*Maryland records.*—Prince Georges County: Berwyn.

*Cryptotis parva parva* (Say). Small Short-tailed Shrew.

1823. *Sorex parvus* Say, Long's Exped. Rocky Mts. 1: 63.

*Type locality.*—West bank of the Missouri River, near Blair, Washington County, Nebraska.

*Maryland records.*—Baltimore County: Loch Raven, Parsons Island; Montgomery County: Bethesda, Sandy Spring; Prince Georges County: Laurel (Merriam, 1895: 18), Patuxent Research Refuge; Worcester County: Chincoteague Bay. District of Columbia (Merriam, *ibid.*).

*Remarks.*—Although *Cryptotis parva harlani* and *Cryptotis parva elasson* have been named from Indiana and Ohio respectively, the status of the eastern races has not been sufficiently determined to justify the use of either of these names.

*Blarina brevicauda carolinensis* (Bachman). Carolina Short-tailed Shrew.

1837. *Sorex carolinensis* Bachman, Journ. Acad. Nat. Sci. Philadelphia 7 (2): 366.

*Type locality.*—Eastern South Carolina.

*Maryland records.*—Dorchester County: Cambridge.

*Blarina brevicauda kirtlandi* Bole and Moulthrop. Kirtland's Short-tailed Shrew.

1942. *Blarina brevicauda kirtlandi* Bole and Moulthrop, Sci. Publ. Cleveland Mus. Nat. Hist. 5 (6): 99.

*Type locality.*—Holden Arboretum, Lake and Geauga Counties, Ohio.

*Maryland records.*—Baltimore City; Baltimore County: Patapsco State Park (Hampe, 1944: 73); Lake Roland (Bures, 1948: 62-63); Frederick County: Locust Grove (Merriam, 1895: 13); Garrett County: Bittering, Finzel, Grantsville, Mountain Lake Park, Swanton; Montgomery County: Cabin John, Cropley, Poolesville, Plummer's Island, Rockville, Sandy Spring (Merriam, 1895: 13); Prince Georges County: Hyattsville, Lanham, Laurel, Northwest Branch Anacostia River, Oxon Hill, Patuxent Research Refuge, Silver Spring.



*Remarks.*—Although Maryland specimens average slightly paler in pelage color, and slightly longer in tail length than typical *kirtlandi*, they are best referred to this form until a more critical study of the eastern *Blarina* is made.

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